

## ABSTRACT

A reflector having a structure in which a high refractive index layer, a low refractive index layer, and a metal layer mainly composed of silver or aluminum are sequentially arranged on a polymer base. The reflector can realize a higher reflectance than the conventional reflective bodies by using a polymer base wherein the atoms measured by XPS which constitute the surface of the polymer base are substantially identical with those constituting the inside of the polymer base. Furthermore, such a reflector can be used for a reflector, a reflector under a light-guiding plate, a backlight device and a liquid crystal display. The polymer base can be obtained by bringing a polymer base and a liquid into contact with each other.